## WRITTEN ANSWERS TO STARRED QUESTIONS

### Annual Power Requirement of National Aluminium Company

*141. SHRI BHAGABAN MAJHI: Will the Minister of MINES AND MINERALS be pleased to state:

(a) whether Government have made any estimate of the total annual approximate requirement of power for Aluminium and Alumina plant and also for the Bauxite mines of the National Aluminium Company;

(b) if so, the details thereof, alongwith the power generated by NALCO from its captive power plants; and

(c) the steps taken by NALCO for modernisation of its captive power plants?

THE MINISTER OF MINES AND MINERALS (SHRI NAVEEN PATNAIK): (a) and (b) Yes, Sir, The power requirements for NALCO's various plants are as follows:—

| | | Present requirement | Requirement after expansion |
|---|---|---|---|
| 1. | Bauxite Mines | 3 MW | 4MW |
| 2. | Alumina Refinery | 34 MW | 56MW |
| 3. | Smelter Plant & Other Facilities at Angul. | 408 MW | 656MW |
| | TOTAL | 445 MW | 716MW |

The capacity of NALCO's Captive Power Plant (CPP) at 81% Plant Load Factors (PLF) is as follows:—

| | | Present | Availability after expansion |
|---|---|---|---|
| 1. | From Captive Power Plant | 486 MW | 583 MW |
| 2. | From Co-generation in Alumina Refinery | 34 MW | 39 MW |
| | TOTAL | 520 MW | 622 MW |

The slight shortfall in power after expansion would be made up through supply of power from the eastern Grid which is surplus in power.

(c) NALCO has undertaken an expansion programme of its Captive Power Plant. Presently NACLO's CPP capacity is 720 MW (6 × 120 MW), which will be enhanced to 840 MW (7 × 120 MW) after expansion. The proposed 7th Unit will be as per the latest technology available in the field.

**Central Assistance for Rural and Urban Electrification**

†*145. SHRI GOVINDRAM MIRI: Will the Minister of POWER be pleased to state:

(a) the State-wise total financial assistance provided, especially to Maharashtra, Madhya Pradesh and Gujarat during the Eighth Five Year Plan for rural and urban electrification;

(b) the year-wise, number of districts electrified under the electrification programme during the said plan-period;

(c) whether these States had made any time-bound programme for electrification of all the villages; and

(d) if not, the reasons therefor?

THE MINISTER OF POWER (SHRI P.R. KUMARAMANGALAM): (a) State-wise total financial assistance provided by Rural Electrification Corporation under Rural Electrification Programme for carrying out works such as village electrification, pumpset energisation and load intensification etc. during the Eighth Five Year Plan is given in the Statement I (*See* below).

†Original Notice of the Question was received in Hindi.